

Title (en)
FUNCTIONALISED GRAPHENE

Title (de)
FUNKTIONALISIERTES GRAPHEN

Title (fr)
GRAPHÈNE FONCTIONNALISÉ

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Application
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Abstract (en)
[origin: US2011303121A1] The present invention relates to the novel material fluorographene (FG), methods of making fluorographene, and its applications in electronics and related fields. The fluorographene also finds use in improving the properties of composite materials by incorporating the fluorographene of the invention with one or more materials such as fluoropolymers (FP) and the like. Conventionally, FP inter-chain interactions are very weak but spread over the area of FG, FG is able to act as a very effective and compatible reinforcement.

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